

APPLICANT(S): PALMER, Tim John et al.  
SERIAL NO.: Not Yet Assigned  
FILED: Filed Herewith  
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## **AMENDMENTS TO SPECIFICATION**

### **In the Specification:**

Please change the title to be:

--Electrically Small Dielectric Antenna With Wide Bandwidth--

On page 1, immediately after the title, please insert:

### **--PRIOR APPLICATION DATA**

The present application is a national phase application of International Application PCT/GB2003/003546, entitled "An Electrically Small Dielectric Antenna With Wide Bandwidth" filed on August 14, 2003, which in turn claims priority from application 0218820.9, filed on August 14, 2002, both of which being incorporated by reference in their entirety.

### **FIELD OF THE INVENTION--**

On page 1, line 6, please insert:

### **--BACKGROUND OF THE INVENTION--**

On page 4, line 13, please insert:

### **-- DETAILED DESCRIPTION OF THE DRAWINGS**

For a better understanding of the present invention and to show how it may be carried into effect, reference shall now be made by way of example to the accompanying drawings, in which:

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FIGURE 1 is a schematic plan view of a first embodiment of the first aspect of the present invention;

FIGURE 2 is a perspective view of the embodiment of Figure 1;

FIGURE 3 is a plan view of a second embodiment of the first aspect of the present invention;

FIGURE 4 is a plot of a vertical elevation radiation pattern for the embodiment of Figure 1;

FIGURE 5 is a plot of a horizontal elevation radiation pattern for the embodiment of Figure 1;

FIGURE 6 is a plot of an azimuth radiation pattern for the embodiment of Figure 1;

FIGURE 7 shows a computer-simulated 3D radiation pattern for a third embodiment of the first aspect of the present invention, also shown in Figure 7;

FIGURE 8 shows an alternative to the embodiments of Figures 1, 2 and 3 in which an underside of the dielectric element is provided with a conductive coating or layer; and

FIGURE 9 shows an embodiment of the second aspect of the present invention.

#### **DETAILED DESCRIPTION OF THE INVENTION--**

Please delete the text starting with page 8, line 5 ("For a better understanding ...") and ending with page 9, line 2 ("... of the second aspect of the present invention").